

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|---------------------|
| L2 | 2 | ("6,285,500").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/12/04 15:41 |
| L3 | 6 | hologra\$ and (polari\$ near3 (diffract\$ or grating\$)) and ((attach\$4 or mount\$4 or dispos\$4) with (surface or face or facet) with (reflect\$ or deflect\$ or mirror) with ((half or "1/2") with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate))))).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/12/04 16:03 |
| L4 | 50 | (wavelength and (polari\$ near4 (diffract\$ or grating\$)) and ((half or "1/2") with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate))))).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/12/04 16:21 |
| L5 | 94 | (wavelength and (polari\$ near4 (diffract\$ or grating\$)) and (diffract\$ near4 efficien\$)).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/12/04 16:21 |
| L6 | 8 | 5 and ((orthogon\$ or normal\$3 or perpendic\$) and ((half or "1/2") with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate))))).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/12/04 16:22 |
| S1 | 1 | ("5748658").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/05/24 11:04 |
| S2 | 8523 | ((359/566) or (359/15) or (359/569) or (359/486) or (359/495) or (359/619) or (369/112.03) or (369/112.04) or (369/112.05) or (369/112.06) or (369/112.07) or (369/112.1) or (369/112.11) or (369/112.12) or (369/112.15) or (369/112.16) or (369/112.17) or (369/112.18) or (369/112.19) or (369/121) or (369/122)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/05/24 12:07 |
| S3 | 487 | S2 and hologra\$ and (polari\$ with (diffract\$ or grating\$)) and wavelength\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/25 10:21 |
| S4 | 101 | S3 and (half with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate))) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/24 15:16 |
| S5 | 1 | jp-04248134-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/24 16:02 |

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|-----|------|--|---|----|-----|---------------------|
| S6 | 106 | S2 and hologra\$ and (polari\$ with (diffract\$ or grating\$)) and (pickup or pick?up or (pick near3 up)) and cd and dvd | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/24 17:00 |
| S7 | 2 | jp-2001281432-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/25 18:39 |
| S8 | 2 | jp-2002311219-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/24 18:48 |
| S9 | 2 | jp-2002245660-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/24 19:08 |
| S10 | 3 | ("6072579").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/05/24 19:09 |
| S11 | 54 | hologra\$ and (polari\$ with (diffract\$ or grating\$)) and (half with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate))) and cd and dvd | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/25 11:28 |
| S12 | 149 | hologra\$ and (polari\$ with (diffract\$ or grating\$)) and (half with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate))) with (reflect\$ or deflect\$ or mirror)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/25 12:37 |
| S13 | 54 | S12 and ((pickup or pick?up or (pick near3 up) or head) with optic\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/25 11:30 |
| S14 | 53 | hologra\$ and ((polari\$ with (diffract\$ or grating\$)) same (half with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate)))) and (reflect\$ or deflect\$ or mirror) and (pickup or pick?up or (pick near3 up) or head) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/25 15:25 |
| S15 | 21 | hologra\$ and (polari\$ with (diffract\$ or grating\$)) and ((half with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate))) with (reflect\$ or deflect\$ or mirror)) and cd and dvd | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/25 15:28 |
| S16 | 7092 | ((pickup or pick?up or (pick near3 up) or head) with optic\$4) and ((reflect\$ or deflect\$ or mirror) with (silicon or semiconductor\$)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/25 17:02 |

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|-----|------|---|---|----|----|---------------------|
| S17 | 107 | ((pickup or pick?up or (pick near3 up) or head) with optic\$4) and ((reflect\$ or deflect\$ or mirror) near4 (silicon or semiconduct\$)) and (half near3 (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate))) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/25 19:01 |
| S18 | 1 | jp-61049731-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/25 18:40 |
| S19 | 262 | ((pickup or pick?up or (pick near3 up) or head) with optic\$4) and (wavelength with polari\$ with (source or laser or diode) with parallel) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/25 19:02 |
| S20 | 16 | ((pickup or pick?up or (pick near3 up) or head) with optic\$4) and (wavelength with polari\$ with (source or laser or diode) with parallel with (plural\$ or multipl\$5 or array\$ or seri\$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/31 09:48 |
| S21 | 7 | ((pickup or pick?up or (pick near3 up) or head) with (optic\$4 or lase\$4)) and (wavelength with polari\$ with (mirror or reflect\$ or deflect\$) with parallel with (plural\$ or multipl\$5 or array\$ or seri\$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/31 10:22 |
| S22 | 8 | ((pickup or pick?up or (pick near3 up) or head) with (optic\$4 or lase\$4)) and (wavelength with polari\$ with (mirror or reflect\$ or deflect\$) with (half near3 (waveplate or wave?plate or (wave near3 plate)))) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/31 10:30 |
| S23 | 1344 | ((pickup or pick?up or (pick near3 up) or head or laser)) and ((mirror or reflect\$ or deflect\$) with (half near3 (waveplate or wave?plate or (wave near3 plate)))) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/31 10:43 |
| S24 | 80 | S23 and (polari\$ with (parallel or colinear\$ or co?linear\$ or coaxial\$ or co?axial\$)) and diffract\$ and hologra\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/31 10:44 |
| S25 | 1622 | ((pickup or pick?up or (pick near3 up) or head or laser)) and ((mirror or reflect\$ or deflect\$) with (half near3 (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate)))) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/31 12:27 |
| S27 | 91 | S25 and (polari\$ with (parallel or colinear\$ or co?linear\$ or coaxial\$ or co?axial\$)) and diffract\$ and hologra\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/31 11:41 |
| S28 | 0 | wo-0036597-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/31 11:41 |

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| S29 | 1 | wo-200036597-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/31 11:41 |
| S30 | 115 | ((pickup or pick?up or (pick near3 up) or head or laser)) and ((mirror or reflect\$ or deflect\$) with (dispos\$4 or attach\$4) with (half near3 (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate)))) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/31 12:28 |
| S31 | 89 | (US-20050105406-\$. or US-20040228257-\$. or US-20040213109-\$. or US-20030174631-\$. or US-20030123371-\$. or US-20050088948-\$. or US-20050063263-\$. or US-20050058051-\$. or US-20050036431-\$. or US-20050030880-\$. or US-20050025027-\$. or US-20040246874-\$. or US-20040233821-\$. or US-20040233533-\$. or US-20040213133-\$. or US-20040202088-\$. or US-20040190427-\$. or US-20040125454-\$. or US-20040017760-\$. or US-20040013076-\$. or US-20040008604-\$. or US-20040001419-\$. or US-20030072047-\$. or US-20030048736-\$. or US-20030021197-\$. or US-20020093902-\$.).did. or (US-20020024916-\$. or US-20020018433-\$. or US-20020018432-\$. or US-20010050892-\$. or US-20050058027-\$. or US-20040174801-\$. or US-20030107979-\$. or US-20020114229-\$.).did. or (US-5748658-\$. or US-6891147-\$. or US-6819646-\$. or US-6650612-\$. or US-6594042-\$. or US-6580674-\$. or US-6256122-\$. or US-6034939-\$. or US-6016301-\$. or US-5978344-\$. or US-5790502-\$. or US-5691830-\$. or US-5627806-\$. or US-5570333-\$. or US-5515353-\$. or US-5465247-\$. or US-5406543-\$. or US-4733065-\$. or US-6072579-\$. or US-6868055-\$. or US-6822771-\$. or US-6633530-\$. or US-6577582-\$. or US-6556533-\$. or US-6369377-\$. or US-6366548-\$.). did. or (US-6351443-\$. or US-6320837-\$. or US-6130872-\$. or US-5986996-\$. or US-6529454-\$. or US-6314064-\$. or US-6278681-\$. or US-5903529-\$. or US-5870370-\$. or US-5768245-\$. or US-5732060-\$. or US-5581532-\$. or US-5546373-\$. or US-5488599-\$. or US-5381394-\$. or US-5157649-\$. or US-4935913-\$. or US-4905215-\$. or US-6272098-\$. or US-6195315-\$. or US-6574182-\$. or US-5673109-\$.).did. or (JP-04248134-\$. or JP-2000011443-\$. or JP-06139642-\$. or JP-2002208165-\$. or JP-2001283457-\$. or JP-2000348374-\$.).did. or (WO-200058960-\$.).did. | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2005/05/31 17:38 |
| S32 | 10 | S31 and (bond\$ or wir\$3 or lead) and silicon | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/05/31 17:39 |
| S33 | 8859 | ((359/566) or (359/15) or (359/569) or (359/486) or (359/495) or (359/619) or (369/112.03) or (369/112.04) or (369/112.05) or (369/112.06) or (369/112.07) or (369/112.1) or (369/112.11) or (369/112.12) or (369/112.15) or (369/112.16) or (369/112.17) or (369/112.18) or (369/112.19) or (369/121) or (369/122)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/12/02 16:48 |
| S34 | 532 | S33 and hologra\$ and (polari\$ with (diffract\$ or grating\$)) and wavelength\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/12/02 19:08 |
| S35 | 109 | S34 and (half with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate))) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/12/02 16:48 |

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|-----|-----|---|---|----|----|---------------------|
| S36 | 124 | S33 and hologra\$ and (polari\$ with (diffract\$ or grating\$)) and (pickup or pick?up or (pick near3 up)) and cd and dvd | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/12/02 16:48 |
| S37 | 21 | ("20010026523" "20020003755" "20020018432" "20020018433" "20020093902" "20020196726" "20040001419" "5031978" "5175642" "5208800" "5231620" "5325348" "5333231" "5402154" "5428588" "5481636" "5684779" "5894464" "5956302" "6072579" "6366548").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/02 18:56 |
| S38 | 140 | S33 and hologra\$ and ((polari\$ near4 (diffract\$ or grating\$)) with wavelength) and (reflect\$ or deflect\$ or mirror) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/12/02 19:50 |
| S39 | 44 | S38 and ((half or "1/2") with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate))) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/12/02 19:10 |
| S40 | 101 | hologra\$ and ((polari\$ near4 (diffract\$ or grating\$)) with wavelength) and (reflect\$ or deflect\$ or mirror) and ((half or "1/2") with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate))) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/12/04 16:07 |